



NATIONAL TYPE EVALUATION PROGRAM

Certificate of Conformance

for Weighing and Measuring Devices

For:

Non-Computing Scale
Digital, Electronic
Model: PS 210.R2, PS 360.R2, PS 1000.R2, PS 2100.R2,
PS3500.R2 & PS 4500.R2
 n_{\max} : 21 000 to 100 000 (See table)
 e_{\min} : 0.01 g & 0.1 g (See table)
Capacity: 210 g to 4500 g
Platform: 85 mm diameter
Accuracy Class: II

Submitted By:

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Standard Features and Options

- Automatic Zero Tracking (AZT)
- Initial Zero Setting Mechanism (IZSM)
- Semi-Automatic Zero (Push Button)
- Keyboard Tare
- Multiple Tare Memories
- Programmable Tare
- Semi-Automatic (Push Button) Tare
- AC Power
- DC Power
- Power Saving/Sleep Mode
- Alphanumeric Display
- Customer (Dual) Display (Optional)
- Integral Display
- Liquid Crystal Display
- Remote Customer Display (Optional)
- RS232/USB/WIFI
- Wireless Communication (Optional)

Temperature Range: 10° C to 40° C (50° F to 104° F)

This device was evaluated under the National Type Evaluation Program and was found to comply with the applicable technical requirements of "NIST Handbook 44: Specifications, Tolerances and Other Technical Requirements for Weighing and Measuring Devices." Evaluation results and device characteristics necessary for inspection and use in commerce are on the following pages.

James Cassidy

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Committee Chair, National Type Evaluation Program Committee

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Radwag USA, LLC

Non-Computing Scale// PS 210.R2, PS 360 R2, PS 1000.R2, PS 2100.R2, PS 3500 R2 & PS 4500.R2

Application: precision laboratory, pharmacy prescription weighing,

Model	Capacity	e (g)	D (g)	n _{max}	Pan Size (mm) Diameter	Class
PS 210.R2	210 g	0.01 g	0.001 g	2 000	128 mm x 128 mm	II
PS 360.R2	360 g	0.01 g	0.001 g	36 000	128 mm x 128 mm	II
PS 1000.R2	1000 g	0.01 g	0.001 g	100 000	128 mm x 128 mm	II
PS 2100.R2	2100 g	0.1 g	0.01 g	21 000	195 mm x 195 mm	II
PS 3500.R2	3500 g	0.1 g	0.01 g	35 000	195 mm x 195 mm	II
PS 4500.R2	4500 g	0.1 g	0.01 g	45 000	195 mm x 195 mm	II

Identification: The required information appears on a self-destructive label located on the left side of the unit base. Other required information appears on the front of the unit, “The Counting Feature Not Legal for Trade” or “Counting Feature for Prescription Filling Only”, with the Minimum Piece Weight (MPW) and the Minimum Sample Size (MSS).

Sealing: The device is physically sealed by applying a pressure sensitive, tamper proof seal over the enclosure screw located on the rear of the unit.

Test Conditions: This Certificate supersedes NTEP Certificate of Conformance 14-045 and was issued to correct some n_{max} values listed in the table. No additional testing was necessary. Previous test conditions are listed below for reference.

Certificate of Conformance Number 14-045: The models PS 1000.R2 and PS 4500.R2 were submitted for evaluation. The emphasis of the evaluation was on device design, performance, operation, marking requirements, compliance with influence factors, and verifying that the indicated piece count value complies with the tolerances in Table T.N.3.10. Several increasing/decreasing load and shift tests were conducted. The scales were tested over a temperature range of 10° C to 40° C (50° F to 104° F). A load of approximately one-half capacity was applied to the scales at least 100,000 times with the scale being tested periodically during this time. Tests were conducted using 100V AC and 130V AC power supplies.

Evaluated By: E. Morabito (NY) 14-045

Type Evaluation Criteria Used: *NIST Handbook 44 Specifications, Tolerances, and Other Technical Requirements for Weighing and Measuring Devices*, 2018 Edition. *NCWM Publication 14 Weighing Devices*, 2018 Edition.

Conclusion: The results of the evaluation and information provided by the manufacturer indicate the device complies with applicable requirements.

Information Reviewed By: J. Truex (NCWM) 14-045, 14-045A1



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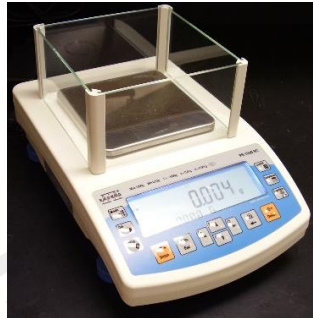
Non-Computing Scale// PS 210.R2, PS 360 R2, PS 1000.R2, PS 2100.R2, PS 3500 R2 & PS 4500.R2

Examples of Device:

Method of Sealing



Model PS 1000.R2



Model PS 4500.R2

